

wherein the fluid bulk flow generator comprises a electric field generator configured to create and control the direction and velocity of an electro- osmotic bulk flow of the electrolyte solution, said containment and said electrolyte solution cooperating to provide a charge accumulation at interior wall surfaces of the first elongated separation channel chamber in response to an applied potential so as to give rise to bulk electro- osmotic flow of the electrolyte solution.

62. (previously added by preliminary amendment) A system in accordance with claim 60, wherein the fluid bulk flow generator comprises a pump configured to provide a pump-induced flow providing a counter acting force to the electrophoretic migration of analyte species.

Drawing Amendments

Applicant has amended the specification and drawings to add a reference number and reference in the specification. Replacement drawings are attached. FIG. 5 has been amended by adding a reference number (67) and a leader to indicate a volume coextensive with the channel 60 wherein packing can be placed. New sheets of formal drawings for all figures are included, but FIG. 5 is the only figure amended; and FIG. 5 is the only figure on sheet 3/10.

REMARKS

This amendment is in response to the Office Action mailed March 11, 2003. Certain drawing Figures were objected to as discussed in more detail below. The specification and drawings have been amended to address the concerns of the Examiner insofar as they can be